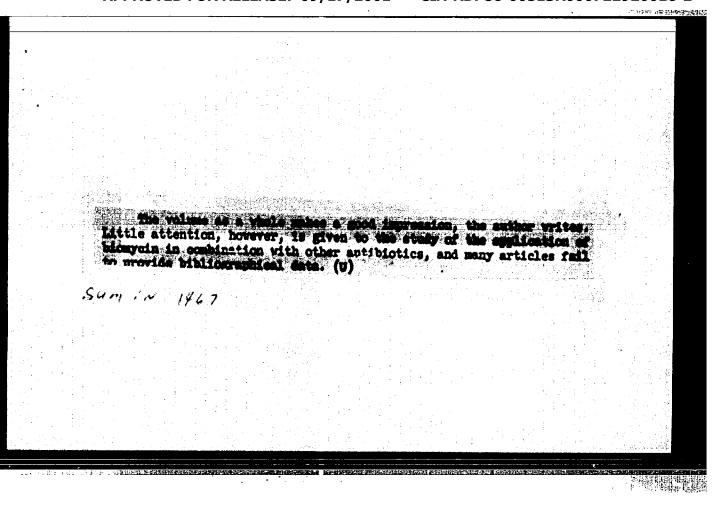
N. M. Furer and V. V. Rvirindas crite that they established the speat sensitivity of bacteria causing catarrh of the upper respiratory organs to the antibiotic. Ye. M. Petrova reports that she established the substitutity of 112 strains of bacteria in patients suffering from furunculasis, abscesses, and burns to biomycin. An article by M. A. Petrova and Ye. K. Berezina cites data on the effectiveness of biomycin when applied in the therapy of diphtheria of the eyes in guinea pigs. Prof C. M. Pershin and associates publish data which bear out the effectiveness of surcomycin and biomycin in experimental therapy of gas infections in mice.

Two articles in the volume are devoted to the results of investigations which were conducted to determine the effectiveness of biomycin and biomycin is combination with ekmoline when used in experimental dysentery in mice. The investigations were conducted by Ye. A. Ved'mina, N. V. Kaverina, S. M. Navashin, and L. K. Valedinskaya. Although the antibiotics were highly effective in the control of dysentery, they failed to completely areal the Markilli from the control.

About helf of the articles is the volume are devoted to reports on the clinical application of biomycin. The antibiotic was found to be highly effective in the control of acute dysentery in children and adults. It was not quite as effective in the therapy of chronic dysentery.

L. M. Yartseva reports favorable results in therapy of acute and subchronic forms of brucellosis with biomycin in combination with vaccinotherapy.

The successful application of biomycin in the therapy of furunculosis in children and adults is reported by L. F. Berezhkov and A. A. Eslamkaryan. Prof I. M. Porudominskiy and Prof N. N. Yelanskiy report is successes obtained in the application of biomycin in the therapy of consumptions of the urino-genital concretel and nongonorrheal inflammations of the urino-genital concretel article by T. I. Yoinova and N. D. Zatsepina tells of the successful application of the antibiotic in the therapy of requiremit trackers.



KIVMAN, G.Ya., kandidat mediteinskikh nauk, Versentrational Use of antibiotics; concentration of antibiotics in foci in men and in animals; review according to materials from foreign periodic literature. Antibiotiki, sborn. perev. 9 no.3:47-58 1956 (ANTIBIOTIOS, ther. use concentration in foci in men & in exper. animals, review)

USSR/Pharmacology, Toxicology. Chemotherspeutical Preparations

Abs Jour : Ref Zhur - Biol., No 5, 1958, No 23424

: Klyman G.la. Author

: Not thiven Inst

Title

: Morphlogical Alterations in the Organs and Tissues of Ani-

mals, Which Were Caused by Grandcidin C and By Water-Sol-

while Grandcidin.

774014(44 44 to Orig Pub : Arkhiy patologii, 1956, 18, 10 6, 115-117 William of Lot II to have been designed

attended, biologically in the large and Abstract : Gramicidin C (I) and water-soluble gramicidin (II) were administered intravenously in lethal doses to mice. After the administration of 250 of I the death of the mice came in 30-60 minutes, and following the administration of 400 of 11death took place in 30-120 minutes. Macroscopic and microscopic alterations in the animals of both groups were alike. Sharp hyperemia and hemorrhages occurred in the lungs, plathors in the brain. Dilation of the capillaries, their over-flow with blood, and perivascular hemorrhages were found in the brain, lungs, myocardium, liver, kidneys, and spleen. Dystro-

phic alterations in the cells of the liver were noted. In

Card : 1/2

KIRMAN,

1:

USSR/Microbiology. Antibiosis and Symbiosis. F-2 Antibiotics

Abs Jour : Ref Zhur-Biologiya, No 1, 1957, 548

Author G. Ya. Kivman, M. A. Breger, and I. P. Balyn

Inst

Title | Rapid Micromethod of Determination of the

Concentration of Antibiotics of the Tetracycline Group (Biomycin, Cyclomycin, and Riomycin) in Biological Fluids.

Suil. eksperim. biol. i med., 1956, 424/ Orig Pub

No 1, 78-79

Abstract The new method is a simplified Shneyerson method. The correlation of the components of the reaction has been changed, and the

composition of the nutritive medium has been simplified. To determine the concentration of the antibiotic 0.2 ml of

Card 1/3 Sept. Exptl. Chematherapy - and. Pharmacology Exptl. Chematherapy & Chemicoprophylactic

USSR/Microbiology. Antibiosis and Symbiosis. Antibiotics

F-2

Abs Jour

: Ref Zhur-Biologiya, No 1, 1957, 548

Abstract

the tested biological fluid is sufficient. The pH of 7.0 is determined by 10% NaoH. The medium does not require sterilization and can be kept at room temperature. Determination is on the basis of the change in the color of the medium; phenol red is the indicator. Bacterium proteus OX10 is the test culture. A series of dilutions of the tested biological fluid and a series of dilutions of the standard antibiotic are prepared. Each series consists of 11 experimental and 1 control dilutions. In order to calculate the concentrations of the antibiotic and the tested fluid it is necessary to

Card 2/3

USSR/Microbiology. Antibiosis and Symbiosis Antibiotics

F-2

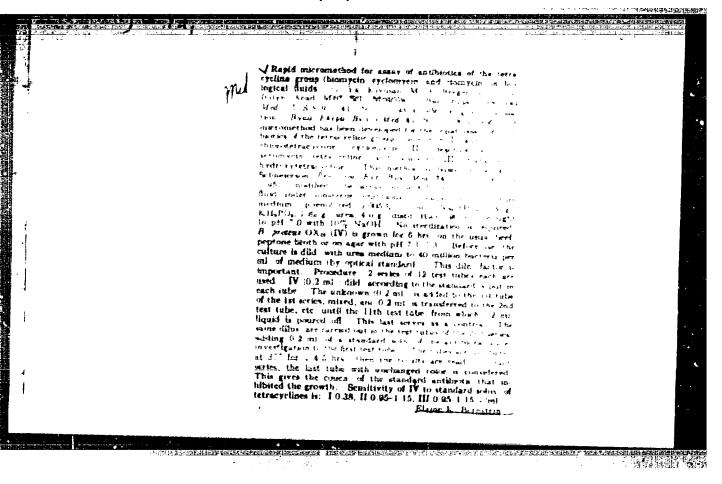
Abs Jour

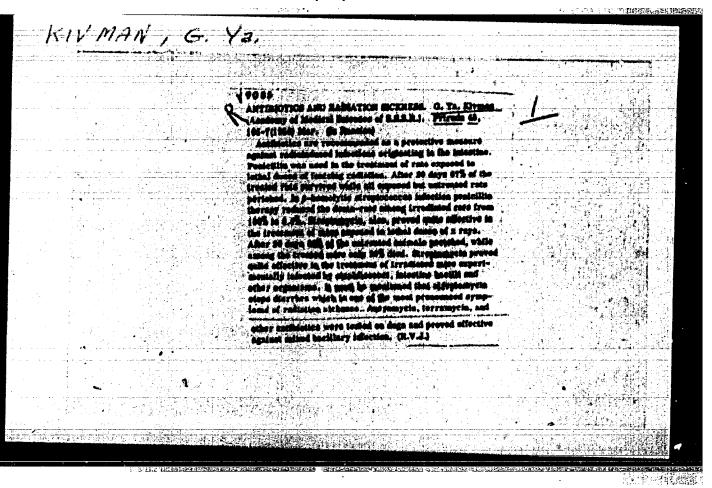
Ref Zhur-Biologiya, No 1, 1957, 548

Abstract

: multiply the minimal concentration of the standard antibiotic which arrests the growth of Bacterium proteus OX10 by the maximal dilution of the tested biological fluid which has an action similar to that of the antibiotic. The described method makes it possible, by the utilization of small volumes of the fluids, and in nonsterile conditions, to determine the concentration of antibiotics of the tetracycline group within 4 to 4½ hours.

Card 3/3





NIVMAN, U. Ya. (Cand. of Med. Sci.); IVANOVA, U. A. (Cand. of Vet. Sci.);

EREDER, M.A. (Cand. of Med. Sci.); BALYN', I.R.; ERTUGANOVA, Z.A. (Cand of Med. Sci.); KALININA, N.A.

"Tetracyclin,"

p. 214 Ministry of Health USER Proceedings of the Second All-Union Conference on Antibiotics, 31 May - 9 June 1957. p. 405, Moscow, Medgiz, 1957.

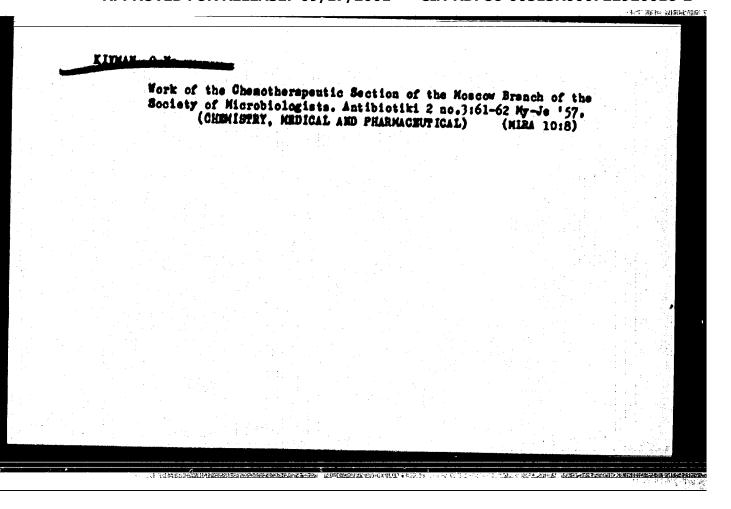
KITHAN, G.Ya.; KHARITOMOYA, A.M.

Fat distrophy of the liver in white mice after oral and intravenous administration of tetracycline. Antibiotiki 2 no.1:49-52 Ja-F 157.

1. Otdel khimioterapii (sav. - chlen-korrespondent ANN SSSR prof.
Kh.Kh. Planel'yes) Instituta farmakologii i khimioterapii ANN SSSR.
(THYRACYCLIME, eff.

induction of fatty liver after oral & intravenous admin. in mice)
(MATTY LIVER, exper.

induction with tetracycline in oral & intravenous admin, to mice)



USSR / Microbiology. Antibiosis and Symbiosis.
Antibiotics.

F-2

Abs Jour: Ref Zhur-Biol., 1958, No 17, 76702.

Author : Kivman, G. Ya.; Shneerson, A. Ni

Inst : Not given.

Title: Synergism and Antagonism of Antibiotics. (Review on Materials of Foreign Periodical Literature).

Orig Pub: Antibiotiki, Sb. perev., obz. i ref. in. period. 1it., 1957, No 6, 3-16.

Abstract: No abstract.

Card 1/1

AIVMANNE, O. Yn.

USSR/Pharmecology, Toxicology, Chemother spautical Properatory, V-7
APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722920016-2

Abs Jour : Ref Zhur - Mol., No 5, 1958, No 23429

Author : Kivman G.Is., Kharitonova A.M.

Inst : Not Given

Title : Fatty Dystrophy of the Liver of White Mice Caused by the

Cral and Intravenous Administration of Tetracyclins.

Orig Pub: Antibiotics, 1957, 2, No 1, 49-52

Abstract: Chlorotetracyclin (I), tetracyclin (II) and oxytetracyclin (III) were administered orally to mice in daily doses of 1.4 or 14 mg in a starch base and intravenously in daily 0.5 or 1.4 mg doses for 3,5,9 and 11 days. It was found, that only the repeated oral administration of I in a 1.4 mg dose induced fatty dystrophy of the liver; in a 14 mg dose I induced the most intensive fatty dystrophy, II induced small changes, and III very insignificant changes. The intravenous administration of tetracyclines in 1.4 and 0.5 mg doses led to the accumulation of fat in the liver in all cases. In the development of fatty dystrophy of the liver the duration of the tetracycline administration was less significant, than the dose and the method of administration.

Card : 1/1

Important immunity factor. Priroda 46 no.4195-96 Ap '57.

(M.R.A 1015)

1. Institut farmakologii i khimioterapii Akademii mediteinakikh nauk SSSR (Moskva).

(Immunity) (Serus)

**Hotabolism in radiation sickness* by I.I. Ivanov and others.
Reviewed by O.IA.Kivaan. Priroda 46 no.6:115-116 Je '57. (NLRA 10:7)
(Metabolism) (Radiation sickness) (Ivanov, I.I.)

USSR/Pharmacology. Toxicology. Antibiotics.

Abs Jour: Ref Zhur. - Biol., No 22, 1958, 102954

Kivman, C. Ya.

Inst

The Character of the Binding of Tetracyclines by Title

the Organs and Blood Proteins.

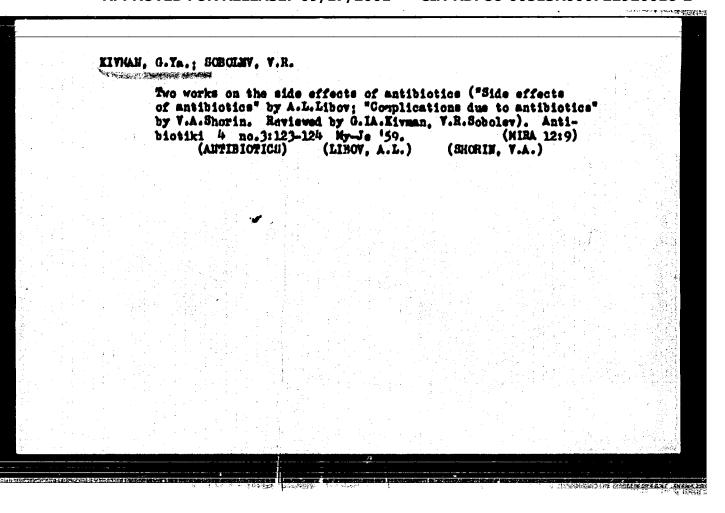
Orig Pub: Antibiotiki, 1958, 3, Vo. 1, 80-84

Abstract:

Experiments were conducted with homogenates of the organs of rats. It was shown that tetracyclines (I) are bound by the internal organs in considerable quantities. The binding of I by the organs and blood proteins is labile and is disturbed with relative ease by a decrease of I concentration in the supposed to the concentration in the supposed to t concentration in the surrounding fluid, which might, to a certain extent, explain the lengthy occurrence of I in the blood and other fluids of the organism. - From the author's resume

Card 1/1

Grantitative indexes of the binding of tetracycline antibiotics in the blood serum and evaluation of certain methods for their determination. Antibiotiki 4 no.3140-44 My-Je '59. 1. Otdel eksperimental noy khimioterapii Instituta farmakologii i khimioterapii AME 3888. (TETRACYCLIES, in blood, determ. & binding (Rus))



| Pharmacology of a new antibiotic cycloserine. Parm. 1 toks. 22 no.3: 243-246 My-Je '59. 1. Otdel eksperimental'noy khimioterapii (sav doktor medits inskikh nauk A.M. Chermukh) Instituta farmakologii i khimioterapii AME SSER. (ANTIBIOTICS. cycloserine, pharmacol. (Rus)) | |
|--|-----|
| 1. Otdel eksperimental noy khimioterapii (sav doktor meditsinskikh mank A.M. Cherunkh) Instituta farmakologii i khimioterapii AMN ESER. (ANTIBIOTICS. | |
| (ANTIBIOTICS, | |
| cyclomerine, pharmacol, (Rus)) | |
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RITMAN O.Ta.: CHUMACHEMEN, N.V.: SHOL'MIKOVA, M.M.; MITROPAROV, V.S.;

Rypersensitivity of rabbits to tetracyclines, Biul.eksp.biol. i
med. 48 no.10:52-56 0 '59.

1. Is oddels khistoterapii (sav. - doktor med.nauk A.M. Chernukh)
AMM SSER V.V. Eakusovy AMM SSER, Neskva, Predstavlena deystvitel'nyy chlen
nym chlenom AMM SSER V.V. Zakusovym.

(TMTRACYCLINE pharmacol.)

Convulsive effect of cycloserine under experimental conditions.

Farm.i toks. 22 no.5;447-450 8-0 '59. (MHRA 13:3)

1. Otdel eksperimental now thimioterapii (saveduyushchiy - pref.

A.M. Chernuth) Instituta farmkologii i thimioterapii ANN SSSR.

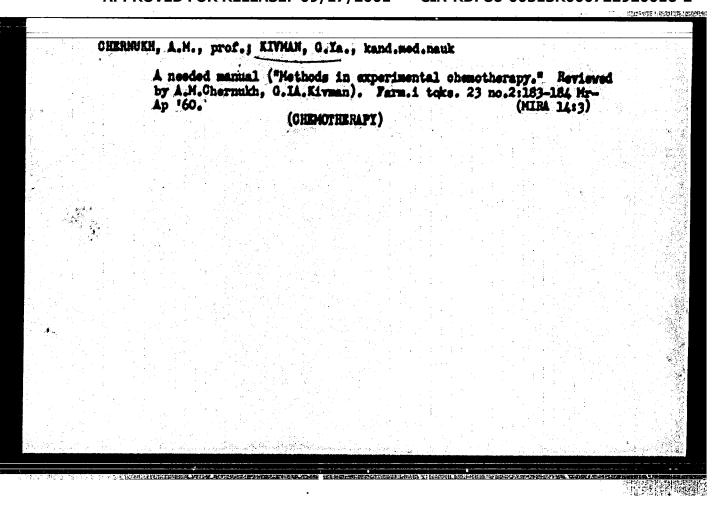
(CTGLOSERINE pharmool.)

KIVNAH, O.Ya.; SMOL'MKOVA, M.M.

Comparative study on the binding of antibiotics of the tetracycline group by organ homogenates. Biul.eksp.biol.i med. 48 no.12:68-71 D 159. (MIRA 13:5)

1. Is otdela eksperimental'noy khimioterapii (sav. - prof. A.M. Chermikh) Instituta farmakologii i khimioterapii (dir. - deyet-vitel'nyy chlen AMM SSSR V.V. Sakusov) AMM SSSR, Moskva, Predestavlena deystvitel'nym chlenom AMM SSSR V.V. Sakusovym. (THTRACTCLIME metab.)

| Simple apparatus for measure determination of the activity 46-47 My 160. | ing the diameters of the ty of antibiotics. Mod. | prom. 14 no.5: |
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| 1. Muchno-issledovateliski Akademii meditsinskikh nauk | y institut farmakologii SSSR. (BIOLOGICAL APPARATUS AM | |
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| Achievements-and prospects in Soviet chemotherapy. Soy.med. 25 | |
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| no.8:39-46 Ag '60. (MIRA 13:9) | |
| 1. Is Institute farmakologii i khimioterapii (dir deystvitel'nyy chien AMN SSSR prof. V.V. Zekusov) AMN SSSR. (CHEMOTHERAPY) | |
| | |

Biological method for determining preparation Th-1314 (thianide) in the blood. Biul. eksp. biol. i med. 50 no.7:121-122 JI '60. (MIRA 14:5)

1. Is otdela eksperimental'noy khimioterapii (sav., -- prof. A.M. Chernukh) Instituta farmakologii i khimioterapii (dir. -- deystvitel'nyy chlen AMN SSSR V.V.Zakusov) AMN SSSR, Moskva, Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Zakusovym.

(ISONICOTINIC ACID)

ABRAMOVA, Zh.I., kand. med. nauk; ANICHKOV, S.V., prof.; BELEN'KIY, M.L., prof.; VAL'DMAN, A.V., doktor med. nauk; VEDENETEVA, Z.I., kand. med. nauk; VINOGRADOV, V.M., kand. med. nauk; GERSHANOVICH, M.L., kand. med. nauk; GINETSINSKIY, A.G., prof.; GORBOVITSKIY, S.Ye., prof.; GREHENKINA, M.A., dotsent; GREKH, I.P., dots.; DENISEMNO, P.P., kand. med. nauk; D'YACHENKO, P.K., kand. med. nauk; ZHESTYAHIKOV, V.D., kand. med. nauk; ZAUGOL'NIKOV, S.D., prof.; ZENAL', E.V., kand. med. nauk; ISKAREV, N.A., kand. med. nauk; KARASIK, V.H., prof.; KIYMAN, G.Ya., kand. med. nauk; KOZLOV, O.D., kand. med. nauk; KROTOV, A.I., doktor veter. nauk; KUDRIN, A.N., doktor med. nauk; LAZAREV, N.V., prof.; LAPIN, I.P., kand. med. nauk; HEL'NIKOVA, V.P., prof.;

MESHCHERSKAYA, K.A., prof.; MIKHEL'SON, M.Ya., prof.; MOSHKOVSKIY, Sh.D., prof.; PADEYSKAYA, Ye.N., kand. med. nauk; PARIBOK, V.P., prof.; PERSHIN, G.N., prof.; PIANEL'YES, Kh.Kh., prof.; PONOMAREV, G.A., prof.; POSKALENKO, A.N., kand. med. nauk; MUKHIN, Ye.A., dots.; ROZOVSKAYA, Ye.S., dots.; RYBOLOVIEV, R.S., starshiy nauchmyy sotr.; SALYAMON, L.S., kand. med. nauk; SAFRAZBEKYAN, R.R., kand. biol. nauk; TUNOV, L.A., kand. med. nauk; TOHILINA, T.N., dots.; FELISTOVICH, G.I., kand. med. nauk; TOHILINA, T.N., dots.; FELISTOVICH,

G.I., kand. med. nauk; FRUTENTOV, N.K., kand. med. nauk; KHAUNINA, R.A., kand. med. nauk; TSYGANOV, S.V., prof.[deceased]; CHERKES, A.I., prof.;

(Continued on next card)

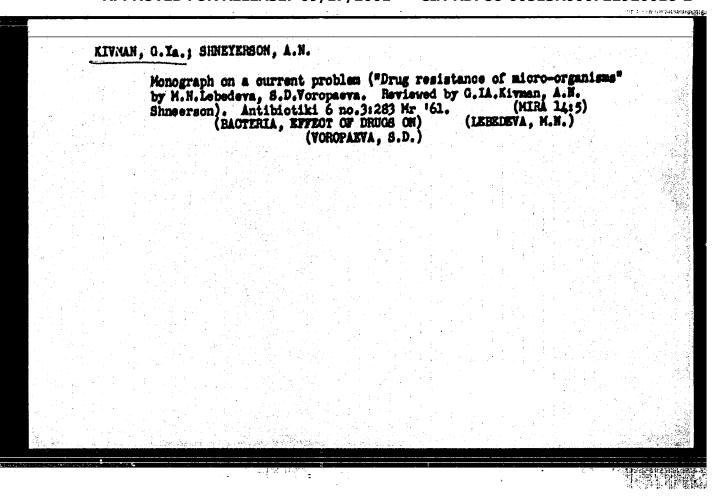
ABRAHOVA, Zh.I..—(continued) Card 2.

CHERHOV, V.A., doktor med. nauk; SHADURSKIY, K.S., prof.;
YAKOVLEV, V.Ya., doktor khim. nauk; MASHKOVSKIY, M.D., red.;
NIKOLAYEVA, M.M., red.; RULEVA, H.S., tekhn. red.; CHUNAYEVA,
Z.V., tekhn. red.

[Manual on pharmacology] Rukovodstvo po farmakologii. Leningrad, Medgis. Vol.2. 1961. 503 p. (MIRA 15:1)

1. Deystvitel'nyy chien Akademii meditsinskikh nauk SSSR (for Anichkov, Karasik, Cherkes). 2. Chien-korrespondent Akademii meditsinskikh nauk SSSR (for Belen'kiy, Ginetsinskiy, Moshkovskiy, Planel'yes).

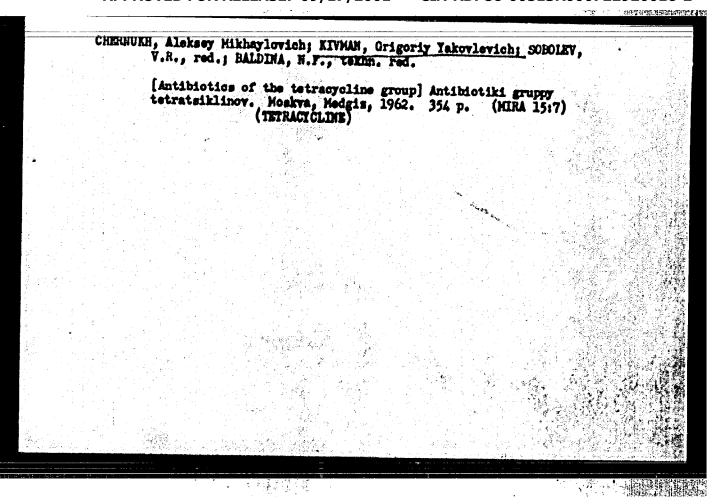
(PHARMACOLOGY)



Effect of antibiotics from the tetracycline group on catalase activity in the blood. Antibiotiki 6 no.4:330-333 Ap '61. (MIRA 14:5) 1. Otdel eksperimental'noy khimioterapii (sav. - prof. A.M.Chernukh) Instituta farmakologii i khimioterapii MM SSSR. (CATALASE) (TETRACYCLIME)

| SMOL'NI | KOVA, N.M.; KIVHAN, C.Ya. | |
|---------|---|-------------------------------|
| | Antagonism between cycloserine and some analeptics. 24 no.5:592-594 8-0 161. | Farm. i toks. (HIRA 14:10) |
| | 1. Otdel eksperimental'ney khimioterapii (sav pro Instituta farmakologii i khimioterapii AMM SSSR. (CYCLOSERINE) (ANALEPTICS) | of. A.M.Chernukh) |
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Analysing the effect of antibiotics of the tetracycline group on the catalase activity of blood and liver from the point of view of their distribution in the organism. Dokl.AM SSSR 138 no.4:977-978 30 (MRA 14:5) 1. Manchino-issledovateleskiy institut farmakologii i khimioterspii Akademii meditsinskikh nauk SSSR. Predstavleno akademikom V.M. Chernigovskim. (CATALASE) (TETRACIOLIES)



| KIYHAN, | O. X. And the state of the stat | |
|---------|--|---|
| | Relationship between the distribution and activity of the body and the signs of their therapeutic and side e 6 no.9:86-94 S '61. | antiblotics in offects. Antiblotiki (MIRA 15:2) |
| | 1. Institut farmakologii i khimioterapii AMN SSSR. (ANTIBIOTICS) | |
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KIVMAN, O.Ya.; RUDZIT, E.A.; YAKOVLEV, V.P.

Effect of the functional state of the body on the distribution of antibiotics. Antibiotiki 7 no.41370-378 Ap '62. (KIRA 1513)

1. Institut farmakologii 1 khimioterapii ANN SSSR. (ANTIBIOTICS) (PHYSIOLOGY)

XIVHAN, G.Ya.; SHOLLMEROVA, N.H.

Absorption of antibiotics from the tetracycline group in the intestines. Antibiotiki 6 no.8:702-704 Ag '61. (MIRA 15:6)

1. Otdel eksperimental'noy khimioterapii (sav. - prof. A.H. Chernukh) Instituta farmakologii i khimioterapii AMN SSSR.

(TETRACYCLINE)

(INTESTINES)

KIVHAN, G.Ya.; KALININA, N.A.

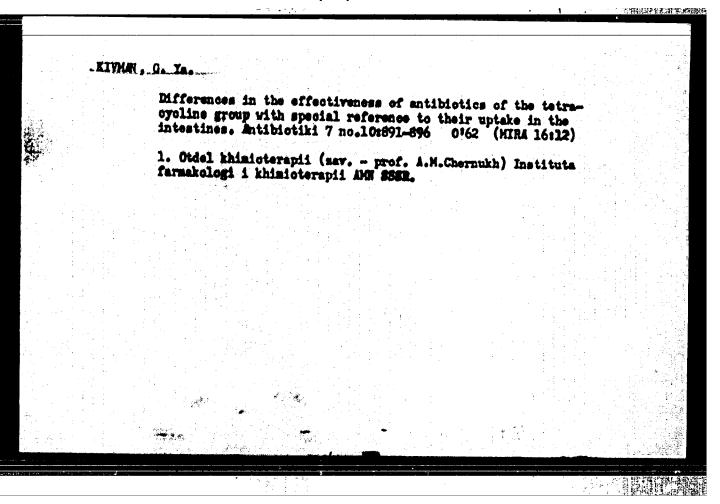
Stimulating effect of antibiotics from the tetracycline group on the absorptive function of the reticulo-endothelial system. Riul. eksp. biol.i med. 53 no.6:46-48 Je '62. (MIRA 15:10)

1. Is otdela khimioterapii (sav. - prof. A.M.Chernukh) Instituta farmakologii i khimioterapii (dir. - deystvitel'nyy chlen AMN SSSR V.V.Zakusov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Zakusovym, (TETRACYCLINE) (RETICULO-ENDOTHELIAL SYSTEM)

KIVMAN, G. Ta.; RUDZIT, E.A.

Binding of penicillin by blood proteins. Vop. med. khim. 8 no.4:369-373 J1-Ag 162. (MIRA 17:11)

1. Otdel khimioterapii Instituta farmakologii i khimioterapii AMN SSSR, Hoskva.

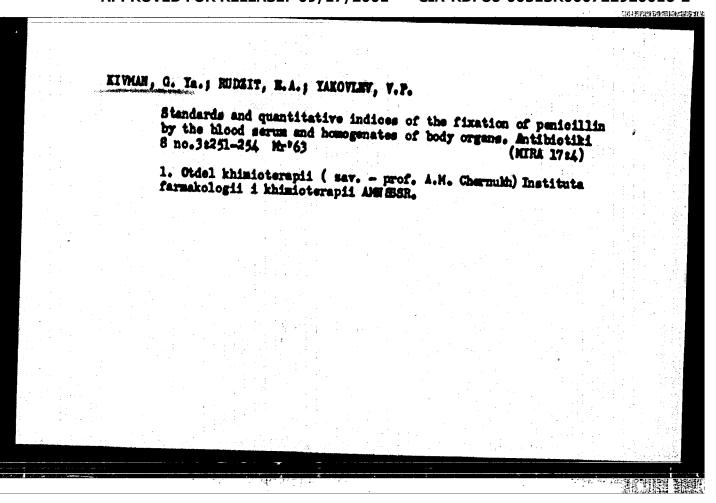


| Production and comparative studies on recemates and of cycloserine. Antibiotiki 8 no.9:845-860 8 163. 1. Institut farmakologii i khimioterapii ANN SSSR. | Stereoischers (MIRA 17:11) |
|---|-------------------------------|
| 1. Institut farmakologii i khimioterapii ANN SSSR. | (AIRX 1/111) |
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| | |

Toxicity of penicillin in experimental enaphylactic states of the egantem. Antibinetki 8 no. 11:1018-1021 N *60. (MIRA 17:19)

1. Otdel khimloterapii (zav. - prof. A. Chernukh) Instituta farmakelegii i khimloterapii ann 3889.

| "Study o | f binding of antibiotics on biologic substrates a | |
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| determi | nation of their content in the organism." | e a mathical due is lot |
| report | submitted for Antibiotics Cong, Prague, 15-19 Jun | 64. |
| Inst for | Pharmacology & Chemotherapy, ANS USSR, Moscow. | |



SMOL'NIKOVA, N.M.; KIVMAN, G.Ya.

Relationship between the dose of Di- and D-cycloserine and the effect on the convulsive action of some analeptics. Farm. i toks. 26 no.1:17-22 Ja-P *63. (MIRA 17:7)

1. Otdel khimioterapii (zav. - prof. A.M. Chernukh) Instituta farmakologii i khimioterapii AMN SSSR.

PORFIR'YEVA, R.P., KIVHAH, G.Ya.

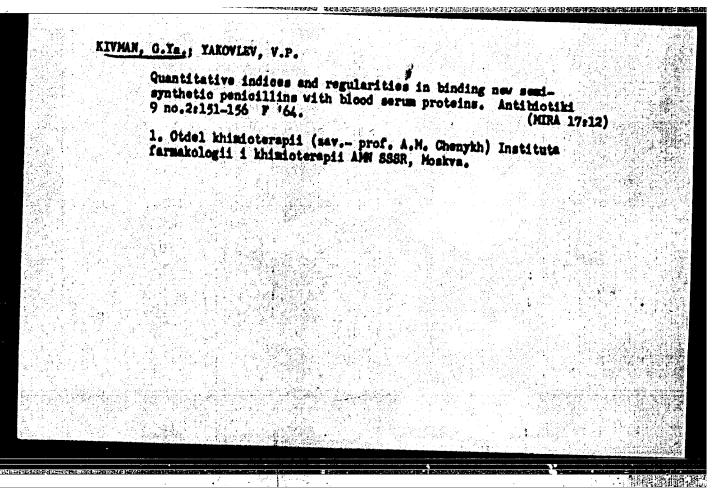
Nature of the effect of antibiotics from the tetracycline group on the ilood and liver catalases in experimental pneumococcal infections in rats. Antibiotiki 8 no.10:950-953 0 163.

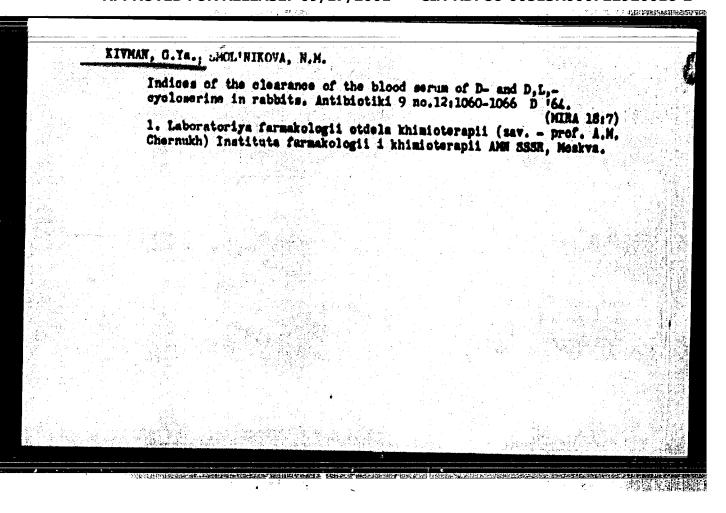
1. Otdel keimioterapii (zav. - prof. A.H. Chernokh) Instituta farmakologii i khimioterapii AFN SSSR.

KALIHINA, N.A.; KIVMAN, G.Ya.

Influence of the infectious process and chemotherapy on the absorptive function of the reticuloendothelial system. Pat. fiziol. i eksp. terap. 8 no.5162-65 S-0 164.

(MIRA 18:12)
1. Otdel khimioterapii (zav. - prof. A.M.Chernykh) Instituta
farmakologii i khimioterapii (direktor - deystvitel'nyy chlen
AMN SSSR prof. V.V.Zakusov) AMN SSSR, Moskva. Submitted March
1, 1963.





PARKOVIEV, V.P.; KIWMAN, G.Ya.

Binding of benzylpenicillin ealts by blood serum proteins. Vop.med.khim.
10 no.2:155-258 Mr-Ap '62. (MIRA 18:1)

1. Otdel khimioterapii Instituta farmakologii i khimioterapii APM SSSR,
Moskva.

RIVMAN, G.Ya.; PORFIR'YEVA, R.P. Binding of novobicein by blood serum proteins and its determination in serum in the free and bound state. Vop. med. khim. 10 no.4:402-407 Jl-Ag '64. (MIRA 18:4)

1. Otdel khimioterapii Instituta farmakologii i khimioterapii AMN SSSR, Moskva.

KIVMAN, G.Ya., KALIHIHA, N.A.

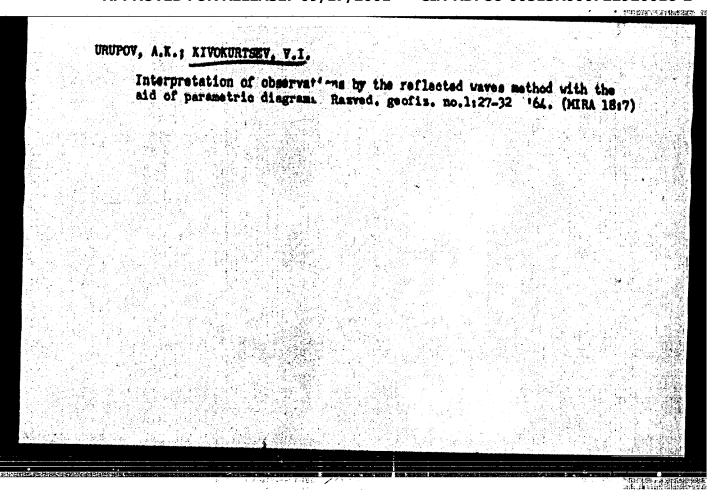
State of the absorptive function of the reticuloendothelial system in experimental infection treated with tetracyclines. Biul. eksp. biol. 1 med. 57 no.6143-44 Je 164.

1. Otdel khimioterapii (sav. - prof. A.M.Chernukh) Instituta farmakologii i khimioterapii (dir. - deystvitel'nyy chlen AMN SSSR V.V.Zakusov) AMN SSSR, Moskva.

PORPIR'IEVA, R.P. LEIVHAN, C.Ta. Study on the interaction of novoblocin with proteins and some other components of the blood serum. Antibiotiki 10 no.6:522-526 Je '65; 1. Leboratoriya farmakologii khimioterapevticheskikh preparator otdela khimioterapii (sav. otdelom - prof. A.M.Chermukh) Instituta farmakologii i khimioterapii AM SSSR, Moskva.

Interestian of tetrasyclics with liver cell semponents in rate, Anticidial to nr.3:229-234 M '65. (MIGA 18:10)

1. Imboratoriya fermakologii khimictoraperticheskiah preparator etdela khimictorapii (rav. oddalem - prof. A.M. Chernykh) Instituta fermakologii i khimictorapii AMN SOSR, Monkva.



UROPOV, A.K.; KIVORDROBEV, V.I.

Setting up reflecting boundaries with the aid of parametric diagrams. Ucho sape Perso gps. un. no.122:10-15 *64.

Recommended methods for determining the intra-stratum and mean velocities by the parametric diagram technique. Ibid.: 16-23 (NIBA 19:1)

ACC NR. AP6030142

SOURCE COIE: UR/0120/66/000/CO4/0115/0117

AUTHOR: Kivokurtsov, Yu. Ye.

ORG: none

TITLE: A drift-free integrator with negative feedback

SOURCE: Pribory i tokhnika eksperimenta, no. 4, 1966, 115-117

TOPIC TACS: pulse integrator, circuit design, error prediction, negative feedback,

ZASTRACT: An integrating circuit with negative feedback has been developed to provide a drift-free output voltage. It includes capabitors in the integrating loop tors. The drift-free output eliminates the common point of the series-connected capacitor the ordinary tube integrator. An analysis of the transmission function of the circuit in operational form reveals several advantageous proporties, and an error analysis similarly conducted indicates that the circuit is suitable for videosignals. For a 20-millisec videosignal, a single-stage amplifier with an amplifaction of 100 has a relative error of 2.2—2.4%. For periodic and nonperiodic videosignals with durations up to one second, the integrating error constitutes several percent. One repetition rate of 25 has an error of 3%. Orig. art. has: 3 figures and 16 formulas. Cord 1/1

KIVOTOV, S.A.: KOZYR', I.V., redaktor.

[Preparation of visual aids on botany and the principles of Darwinism in connection with practical field work; work practice of the V.I.Lenin secondary school] Isgotovlenie nagliadnykh posobii po botanike i osnovam darwinisma v sviasi s prakticheskimi rabotami; is opyta raboty srednei shkoly pamiati V.I.Lenina. Moskva, Isd-vo Akademii pedagog, namk MEFER, 1954, 46 p. (MLNA 8:2) (Botany--Study and teaching)

KIYOTOW. Sergar Alaksandrovich; MENHLYUDOVA, A.S., redaktor; SMIRHOV, Q.I., tekhnicheskiy redaktor

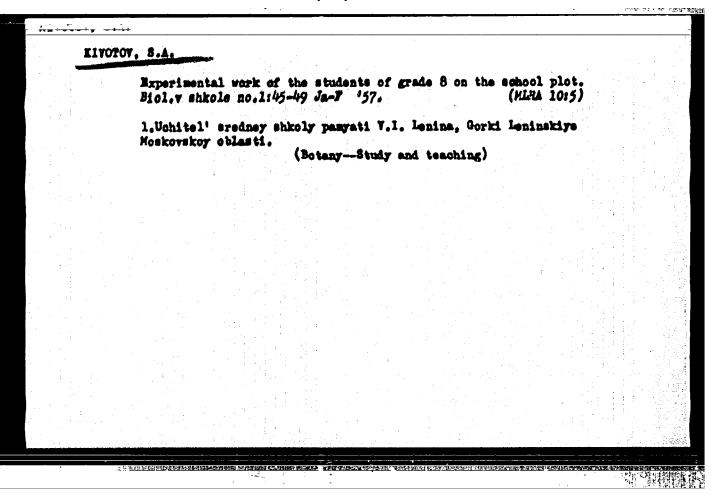
[Practical work in school garden plots; a manual for students of classes 5-6 in secondary schools] Prakticheskie saniatiis na shkol'-nom uchebno-opytnom uchastke; posoble dlia uchashchikhsia Y-YI klassov srednei shkoly. Noskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 142 p. (NIRA 9;12) (School gardens)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722920016-2"

| | no.3:85-8 | 6 My-Je 15 | 6. | choel expe | | | (MIN 9:8) | |
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| | 1. Shkola | panyati V | .1. Leniz | a Leninske implement | re rayona | Moskovsk | oy oblasti. | |
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KIWATOY, Server Aleksandrovich; MEKHLTUDOYA, A.S., redektor; SHIRMOY, G.I., tekhnicheskiy redektor;

[Practical work in school garden plots; a manual for students in grades five and six of the secondary school] Prakticheskie zanistiis na shkol'nom uchebno-opytnom uchesthe; posobie dlie ucheshchikheis V-VI klassov arednei shkoly. Isd. 2-ce. Moskva, Cos. uchebno-pedagog.isd-vo M-va prosv. RSFSR, 1957, 142 p. (MIRA 10:10) (School gardens)



KINGTON S. FT KIVOTOV, S.A. uchitel' (Gorki Leninskiya Moskovskoy oblasti) Two experiments in studying soil properties, Biol, v shkole no.1: (MIRA 11:1) 86 Ja-7 158. 1. Shkola pamiati V.I. Lenina.
(Gorki (Moscow Province) ---- Soil research -- Study and teaching)

KIYOTOW, S.A., saslushennyy uchitel' skholy RSFSR

Phenological observations and nature calendar. Biol. v shkole no.2154-57 Kr-Ap 159. (NIRA 12:4)

1. Shkola pasyati V.I. Lenina, Gorki Leninskiye, Moskovskoy oblasti.
(Phenology-Study and teaching)

First lessons in studying the fundamentals of plant culture.

Siol. v shkole no.4:58-64 Jl-Ag '59. (MIRA 12:11)

1. Shkola panyati V.I. Lenina, Gorki Leninskiye Hoskovskoy oblasti.

(Agriculture—Study and teaching)

Trend of our work on the experimental lot of the school.
Politekh.obuch. no.11:47-53 H '59. (MIRA 13:2)

1. Srednyaya shkola pamyati V.I.Lenina.
(Agriculture--Study and teaching)
(School gardens)

| | Moskovskoy obla | eti) | shkoly RSFS | | | |
|--|-----------------------------------|------------|---|-----------------------|-----------------|----------|
| | "Homemade visua Biol. v shkole | no.4195-96 | P. Stepanov. Jl-Ag '61., Audic-visus tepanov, P.P. | d by S.A. Ki (NIRA | votov. 1417) | |
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| Practical work in school garden plots and on coll | | | | |
|--|-------------|--|--|--|
| Practical work in school garden plots and on collective farms; a textbook for grade 7 of the secondary school]Prakticheskie saniatiia na shkol'nom uchebno-opytnom uchastke i v kolkhose; posobie dlia uchashchikhsia VII klassov srednei shkoly. Isd.2. Moskva, Gos.uchebno-pedagog. isd-vo, 1959. 95 p. | | | | |
| | (MIRA 15:9) | | | |
| (AgricultureStudy and teaching) | | | | |
| | | | | |

PEDOROVA, V.N., starshiy nauchnyy sotr.; MTSHIYAYEVA, N.A., mlad.

"suchnyy sotr.; GRIGOR'IEVA, N.P., mlad. nauchnyy sotr.; KIVOTOV, S.A., sasl. uchitel shkoly RSFSR; SHADRINA, M.S.,
red.; NOVOSELOVA, V.V., 'n. red.

[Tie between teaching botany and the work of students in plant growing]Svias! obucheniia botanike s trudom uchashchikhsia po rastenievodstvu. Pod red. V.N.Fedorovoi. Hoskva, Isd-vo Akad. pedagog.nauk RSFSR, 1962. 146 p.

(MIRA 15:9)

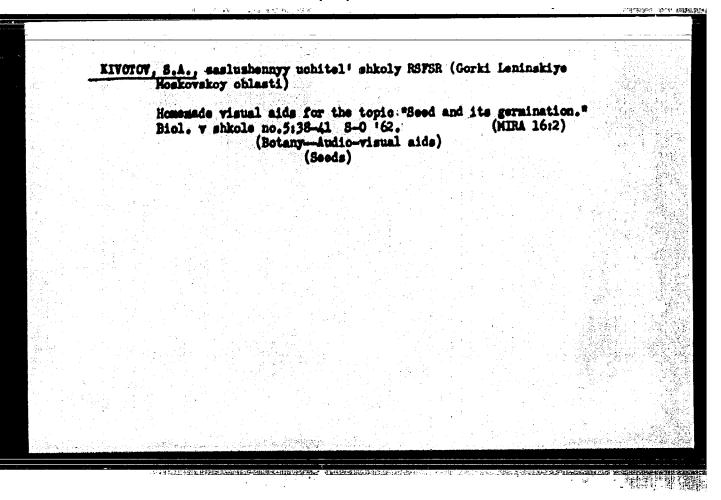
1. Akademiya pedagogicheskikh nauk RSFSR, Hoscow. Institut obshchego i politekimicheskogo obrasovaniya.
(Botany—Study and teaching)

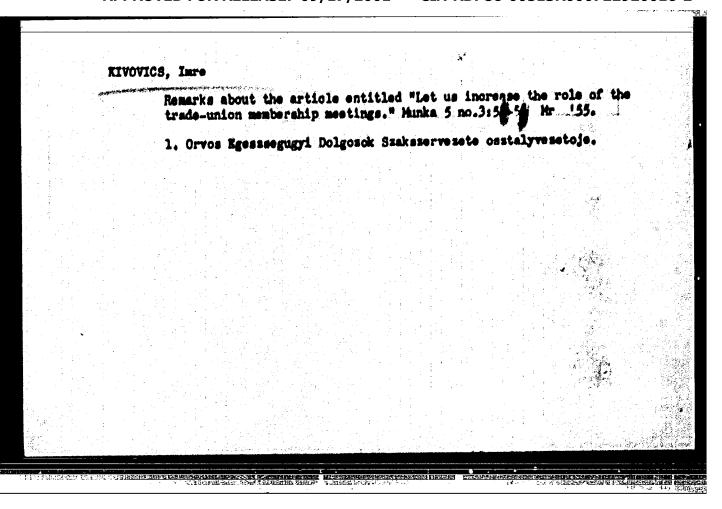
KIVOTOV, S.A., saslushennyy uchitel' shkoly RSFSR (Gorki Leninskiye Hoskovskoy
Oblasti)

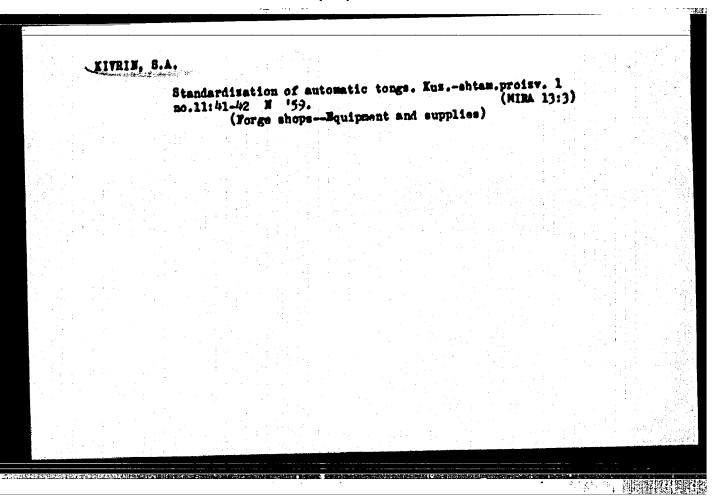
Homemade collections in botany and zoology by S.A. Pavlovich. Reviewed by S.A. Kivotov. Biol. v shkole no.3:90-91 Kv-Je '62. (MIRA 15:7) (Zoological specimens—Collection and preservation) (Plants—Collection and preservation) (Pavlovich, S.A.)

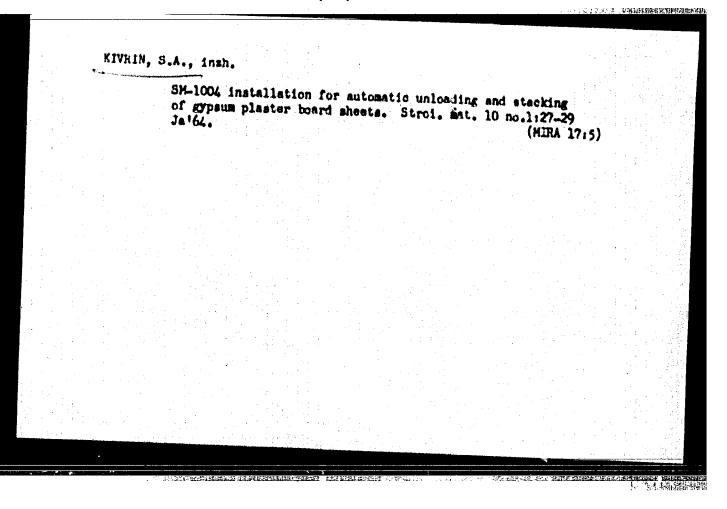
SHALAYEV, Vasiliy Feofilovich; COCOLEVA, Yelsna Dmitriyevna; KIVLTOV,
Sorgey Aleksandrovich; PROFERANSOVA, N.V., red.; TARASOVA,
V.V., USLEM. red.

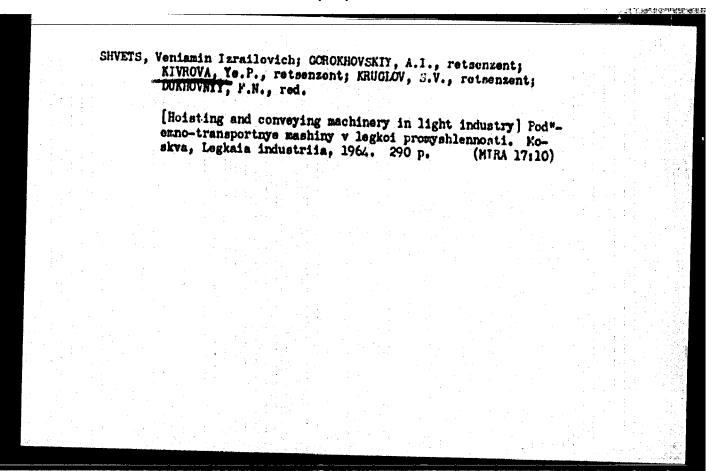
[Correlation between zoology lessons and practical work of
students in rabbit husbandry | Vsaimosvias* urokov zoologii s
prakticheskimi rabotami uchashchikhsia po krolikovodstvu.
Hoskva, Ind-vo Akad. pedagog. nauk HSFSR, 1961. 52 p.
(MURA 15:10)
(Stock and stockbreeding—Study and teaching) (Rabbits)











OSTROVITYANOV, Emiliy Mikhaylevich; MHLIN, Ivan Vasil'yevich; KIVROVA,

Te.P., insh., retsensent; MHRAV!TEV, M.I., insh., nauchmy red.;

DUKHOVEYY, F.N., red.; KHAKHIN, M.T., tekhn.red.

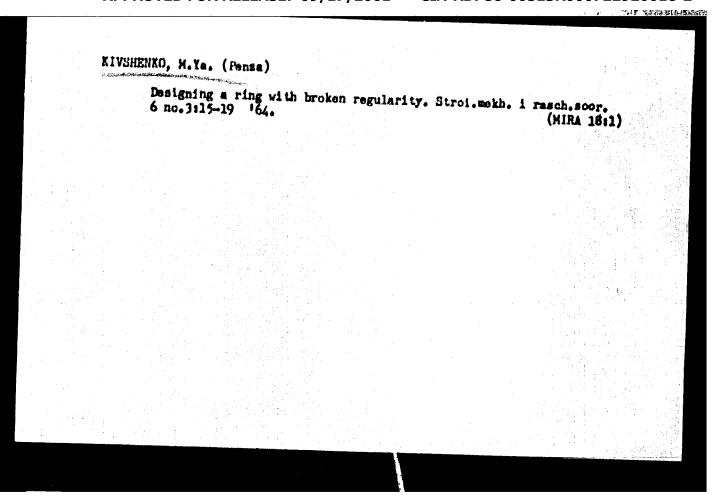
[Adjustment and regulation of basic shoe mechinery] Tekhnologicheskais regulirovka cancovnykh obuvnykh meahin. Moskva. Gos., nauchno-tekhn.isd-ve lit-ry pe legkoi promyshl., 1959. 251 p.

(Shoe machinery)

(Shoe machinery)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722920016-2"

SHELYY, A.S.; SHUBIN, V.V.; KIVSHENKO, A.M. Thin-layer polyamide coatings, Mashinostroitel' no.12:18 D '63. (MIRA 17:1) (MIRA 17:1) ALE MILLER



当市 特腊國家

| Design of a ring resting on elastically yielding supports. Stroi. math. i rasch. scor. 4 no.6:15-20 '62. (MIRA 16:1) (Elasticity) | • | KIVSHE | NKO, M.Ya | . (Pensa) | | | | | | | |
|---|---|--------|--|------------------------|---------|------------------|------------------------------|--------------------------|--------|------------------------|----|
| | | | Design makh. i | of a ring resch. sc | resting | on ela no.6:1 | sticall 5-20 ' lastici | y yielding 62. ty) | suppor | ts. Stroi (MIRA 16: | i, |
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8/781/62/000/000/003/036 **AUTHOR** Zagorodnov, O. G., Payaberg, Ya. B., Yegorov, A. M., Kivahik, A. P. Reflection of electromagnetic waves from a moving plasma. Investigation TITLE: of waveguide properties of a plasma PERIODICAL: Figika plasmy i problemy upravlysyemogo termoyadernogo sinteza; doklady i konferentsii po fizike plasmy i probleme upravlyzyemykh termoyadernykh reaktely. Fig.-tech. Incl. AN Ukr. 88R. Klev, Ind-vo AN Ukr. 88R, 1962, 9-20. TEXT: The first part of the article describes experiments on the reflection of slow electromagnetic waves from a moving plasma, aimed at accertaining whether the frequency multiplication and increase in the reflected-wave amplitude attainable in the case of slow waves is sufficient to lead to the development of new methods of amplification of microwaves and acceleration in a plasma, and also to stabilize a plasma. Since the Doppler shift in the frequency and the change in the amplitude of an electromagnetic wave reflected from a moving mirror can be made appreciable only by increasing greatly the velocity of the reflecting surface or Card 1/4

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8/781/62/000/000/003/038

Reflection of electromagnetic waves from . . .

by changing the phase velocity of the wave in the space where the interaction takes place, and since it is not practical to obtain high physical mirror velocities (even when an electron beam or a plasma is used as a reflecting surface), the experiment was carried out with an electromagnetic wave of a phase velocity slowed down to that of the reflecting plasma. The slow-wave structure consisted of a helical waveguide comprising a porcelain tube 40 mm in diameter, with a helix made of copper wire 0.4 mm in diameter wound at a pitch of 0.8 mm. The experimentally measured phase velocity in the helix was vph/o = 1/200. A plasma piston was produced by discharging a 750 microfarad capacitor bank charged to 4.5 kV. At 24.75 Mcs, the frequency of the reflected wave was found to be increased by 11 per cent relative to the incident wave, and when the phase velocity was decreased to 1/375 of the velocity of light, the frequency increased by 20 per cent. The velocity of the plasma piston was calculated to be v = 8.45 × 10⁶ cm/sec. This effect can be used for amplification and generation of microwaves, acceleration of particles, and various measurements in plasma and also to increase the stability of a plasma.

The second part of the investigation was devoted to waveguide properties of plasma. A plasma waveguide was produced by a high frequency discharge in a quarta tube 1500 mm long,

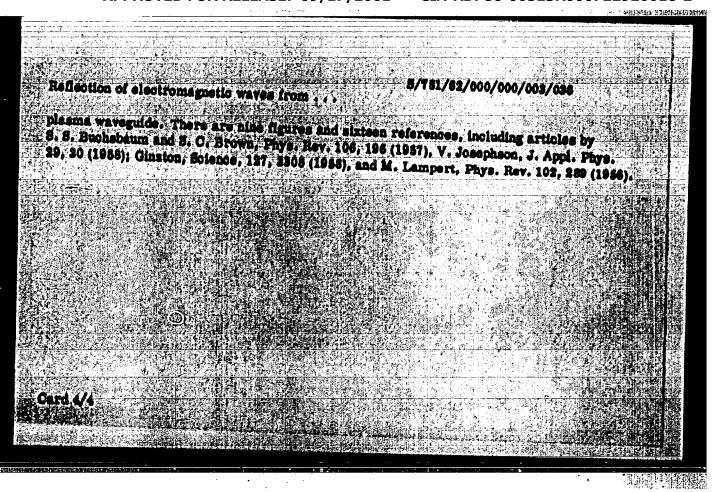
Card 2/4

Reflection of electromagnetic waves from .

8/781/62/000/000/003/036

In which a vacuum of 7×10^{-8} mm Hz was maintained. The plasma density in the waveguide could be varied up to 10 cm . A slow electromagnetic wave of low power (on the order of 1 watt) at frequencies from 150 to 2000 Mos was excited in the plasma waveguide, and the resultant phase velocity of the standing wave was measured as a function of the frequency for different plasma densities and for several values of longitudinal magnetic field. A study of the dependence of the waveguide field intensity on the high-frequency power applied to the plasma (in the range from 100 to 1.5 kW) has shown this dependence to be non-monotonic, probably owing to resonance in the plasma column. Other quantities measured were the radial dependence of the longitudinal component, the nonlinear distortion of low-power signals passing through the plasma waveguide and the microwave losses in the plasma waveguide. The acceleration in the plasms was investigated by means of a small model of a helicalplasma accelerator. An analysis of the energy spectrum of the beam, made by electrostatic deflection, shows that the spectrum is quite broad and that a considerable fraction of the electrons had the expected energy pear 5.5 keV. This shows that the field is capable of penetrating and reaching the axis of the plasma and that the electrons become accelerated. K. D. Sinel nikov is oredited with suggesting one possible reason for signal distortion in the

Card 3/4



LAKEMAN, N.G.; KIVEMITS, B.G. Changes in certain physical properties of the IULGS alloy in the process of heating and after tempering. Isv.vys.ucheb.sav.; chern.met. 6 no.12147-152 '65. (MIRA 16:2) 1. Moskovskiy institut stali s splavov. (Pron-aluminum-manganese alloys—Testing) (Metals, Effect of temperature on)

CHARUKHINA, S.N., kand.tekhn.nauk; KIVSHITS, Ie.A., mladeshiy rauchnyy sotrudnik;

GRICOR'IEVA, N.V., starshiy nauchnyy sotrudnik; ZHEMDINA, I.P.,

laborant

Determining the concentration of solutions used in fur manufacture
by their electric conductivity. Mauch.-issl.trudy MINO po.9:5670 199.

(Fur—Dressing and dysing)

(Solution(Chemistry)—Electric properties)

KIVTNITSKAYA, V. V.

Infants (New-Born); Hernia

"Hernias in New-Born Infants" Fel'd. 1 akush. No 6, 1952

501 Monthly List of Russian Accessions, Library of Congress, September 1952, UECL

LYSEN OV, N.G., kand.tekhn.nauk; OLEFIR, F.F., kand.tekhn.nauk; KOVALEV, N.G.; TERESHKIN, A.A.; KIVVA, A.N.

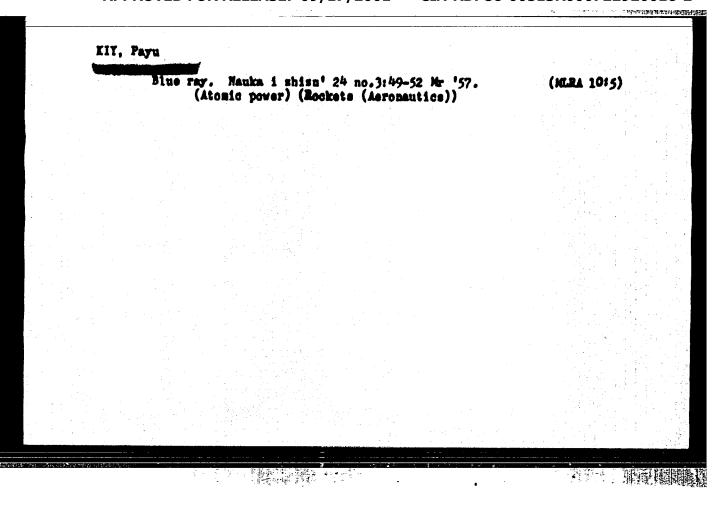
Noncontact system of optimum pulsed control of in electric drive. Avtom. 1 prib. no. 1:11-15 Ja-Hr '64. (MIRA 17:5)

ABDUINHANOV, A.A.; MIFTAKHUTDINOVA, T.S.; KIVVA, K.Ya.; GERSHKOVICH, V.I.,

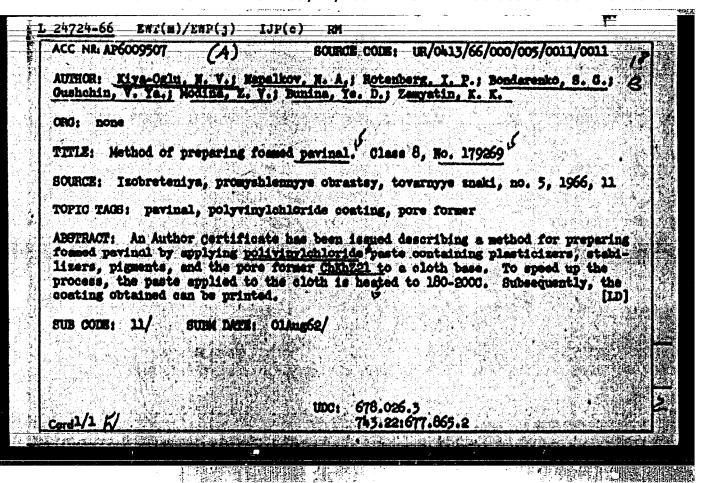
Councils of medical nurses. Med.sestra 22 no.2:51-55 F '63. (MIRA 16:5)

1. Predsedatel' soveta meditsinskikh sester, starshaya meditsinskaya sestra Detškoy bol'nitsy No.3, Barnaul, Altayskiy kray (for Kolomutitsa). 2. Predsedatel' soveta meditsinskikh sester Moskovskoy gorodskoy klinicheskoy bol'nitsy No.64 (for Vasil'yev) 3. Predsedatel' soveta meditsinskikh sester Poltavskoy bolstnoy bol'nitsy (for Kivvá).

(MURSES AND MURSINO)



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****CESSION NRI AT4012728 B/2961/63/000/002/0160/0168

AUDICR: Fridlyender, I. N.; Klyagina, N. B.; Krivenko, R. A.

TITLE: Silicon-alusinum alloy with a low coefficient of linear expension

SCURCE: Alvaminiyevy#ye splavy#. Sbornik statey, no. 2. Spechenny#ye splavy#. Hoseow, 1963, 160-168

TOPIC TACS: aluminum alloy, silicon alloy, silicon aluminum alloy, GAS, linear expansion coefficient, alloy linear expansion, alloy plasticity, iron containing alloy, nickel dontaining alloy, zirconium containing alloy, silicon carbide

ABSTRACT: Binary aluminum-silicon alloys (4-326 81) and those with admixtures of Fe (up to 96), Ni(5-176), Zr(2.96), Ti(up to 166), and SiC(10 and 206) were prepared by pulverizing and grinding processes and were tested for strength and linear expansion. The highest strength was exhibited by Al-Si alloys of close-to-cutectic composition (23-306), their plasticity decreasing as the Si content increased. Additions of Ni had a more favorable effect than additions of Fe. The best mechanical properties were obtained with additions of 5-76 Ni, while additions of Zn produced no appreciable effect. Additions of SiC produced quality

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ACCESSION NR: AT4012728

alloys, and additions of Ti produced markedly greater strength in alloys prepared by pulverising. The lowest coefficient of linear expension was obtained with additions of Ni. Additions of Ti were found to have a greater lowering effect than additions of Si. Alloys composed of Al, Si, and SiC possess high mechanical properties and exhibit a low coefficient of linear expansion, which decreases as the SiC content increases. The processes of preparing the alloys and examining their microstructure are given and discussed at great length. Orig. art. has: 2 tables, 4 figures end 5 graphs.

ASSOCIATION: none

SUPPLITING: 00

ERCL: 00

MM : ROLL ELDS

NO REF SOV: 001

OTHER: 002

"中国政府政府 经销售的 医克克克氏

LAZARENEO, A.S., redakter; SHITS'KIY, S.Z., redakter; KIYAK, G.S., redakter; KOZIY, G.Y., dekter bielegichnikh nauk, redakter; RAKANETS'KIY, S.F., kandidat s.-g. nauk, redakter; STRAUTIAN, F.I., kandidat biel.nauk, redakter; TATARINOV, K.A., redakter; POLYAKOV, N.I., redakter; RAKHLINA, N.P., tekhnicheskiy redakter.

[Biechemistry of ferm animals] Biekhimiia sil's'kehespedars'kykh tvarym. Kyiv, 1953. 58 p. [Microfilm]. (MIRA 9:6)

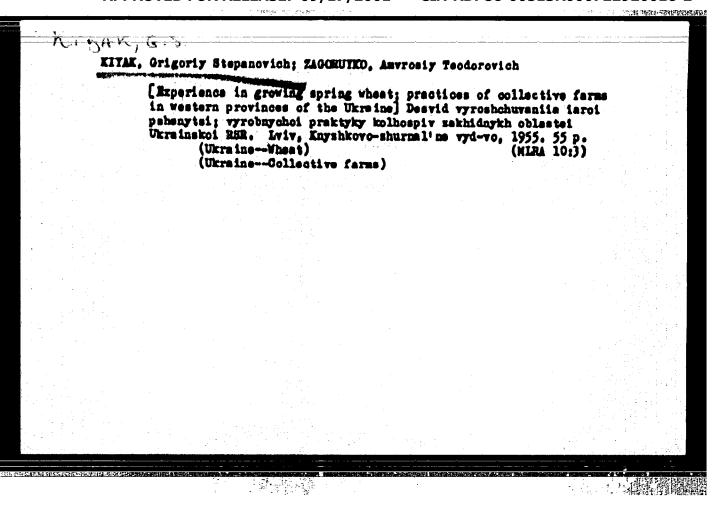
1. Akademiya nauk URSE, Kiev. Institut agrebielegii. 2. Chlen-kerespendent AN URSE (for Lasarenke, Oshite'kiy, Kiyak).
(Physiological chemistry) (Veterinary physiology)

IAZARENKO, A.S., redaktor; OZHITS'KIY, S.Z., redaktor; KIYAK, O.S., redaktor; KOZIY, O.V., doktor biologichnikh nauk, redaktor; BARA-WETS'KIY, S.F., kandidat sil'sko-gospodars'kikh nauk, redaktor; STRAUTMAN, F.I., kandidat biologichnikh nauk, redaktor; TATARINOV, K.A., redaktor; MAKSIMEYKO. O.I., redaktor; RAKHLIMA, E.P., tekh-redaktor.

[Studying characteristics of the use of fertilisers in the western provinces of the Ukrainian S.S.R.] Vyvohennia osoblybostei sastosuvannia dobryv u sakhidnykh oblastiakh Ukrains'koi RER. Ryiv, Vydvo Akademii nauk Ukrains'koi RER, 1953. 103 p. (MERA 812)

 Chlen-korrespondent AN Ukrainskoy RSR (for Lasarenko, Gshits'kiy, Kiyak) 2. Akademiya nauk URER, Kiyev. (Ukraine--Fertilisers and manures)

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KIYAK, O. S.

KIYAK, O. S.: "Spring wheat in the western oblasts of the Ukrainian SSR". Khar'kov, 1955. Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev. (Dissertations of the Degree of Doctor of Agricultural Sciences)

SO: Knishnaya letopis', No. 52, 24 December, 1955. Moscow.